Accu-Chek® Inform II system

Professional glucose testing for the wireless age

Roche

cobas®

Life needs answers

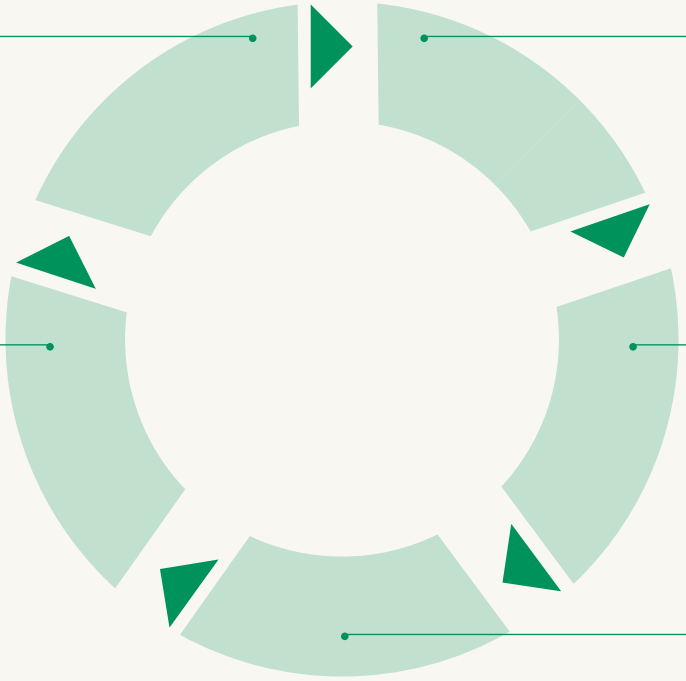
The Accu-Chek® Inform II system

Real time control

The Accu-Chek® Inform II System overview

Quality
Advanced chemistry with multiple automated system and strip checks to ensure final result quality

Connectivity
Flexible connectivity options means meters where needed not only where network point available



Control
Complete control over the POC testing process helps improve patient safety. Manual entry of other POC tests to capture data in electronic medical record

Compliance
Real time overview of the whole system, meter, strips and operators

Efficiency
Hospital glucose becomes a "mobile application at hand"

Accu-Chek Inform II system components

Accessory box
Convenient storage and transport of meter and consumables

Test strips
0.6 µL sample size
5 second test time
End dosing for easier testing

Lancets
A pioneering single-use lancing device offering three adjustable depth settings

cobas IT 1000 application

Test strip vial
Flip top vial to maintain integrity of test strips
18 months open vial stability

Code key reader
Entry of strip lot information into device. Ensures only approved test strips are used for testing

Control and linearity solutions
Ensures function and accuracy
2 levels of controls/
6 levels of linearity

Base Unit
Recharges meter battery. Allows for the transfer of data to and from the data management system

Connectivity benefits in your hospital

Control
- Integrated operator training, management and certification for Accu-Chek Inform II and all Roche POCT devices in a single solution

Quality
- Fully automated testing procedure can reduce error potentials

Connectivity
- Compatible with hospital WiFi communication standards, allowing for flexibility in implementation
- Wireless supports multiple security protocols to ensure the integrity of patient data

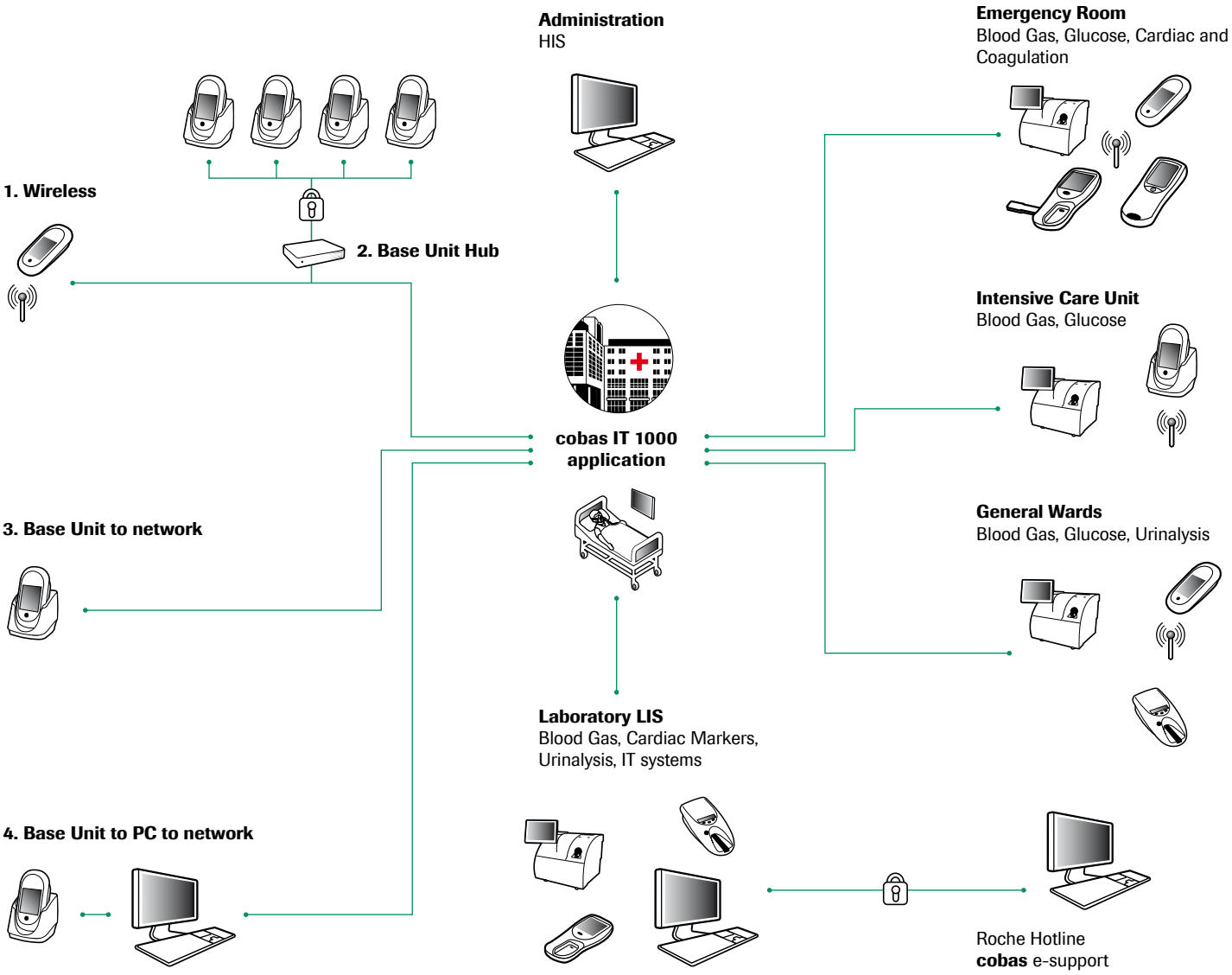
Compliance
- Complete audit trail of meter/strips/user/QC related to every result available
- Automated transfer of patient and operator data to meters and IT system

Efficiency
- Central management and upload of strip lots
- Tailored e-learning and automated re-certification concept reduces training burden
- Other test entry captures and stores results for multiple POC tests for enhanced efficiency

Accu-Chek® Inform II connectivity

Highest flexibility to meet the needs of all networks

4 Accu-Chek connectivity methods



cobas Point-of-Care

Flexible solutions designed to meet your needs

Accu-Chek Inform II system
Connected blood glucose meter with wireless functionality

cobas b 221 POC system
Multiparameter blood gas, electrolyte, COOX and metabolite analyzer

Reflotron Plus system
17 clinical chemistry parameters

cobas IT 1000 application

CoaguChek XS Pro system
Effícient, convenient and rapid PT/INR testing

cobas h 232 POC system
Rapid determination of troponin T, NT-proBNP, D-dimer, CK-MB and myoglobin

Urisys 1100 system
Automated rapid visual Urinalysis

3rd party instruments
More than 45 drivers for the most common requested non-Roche analyzers

Offering you control through cobas POC IT solution:

- **cobas IT 1000 application**
  Complete management of POC testing

- **cobas bge link software**
  Like standing in front of your blood gas analyzer

- **cobas academy**
  Your knowledge and competence center

- **cobas e-services**
  Remote support and troubleshooting

ACCU-CHEK Inform II
Main Menu
10:00 am
Patient Test
Control Test
Review Results
cobas

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Accu-Chek® Inform II meter

The first wireless hospital glucose meter

Integral barcode scanner
Advanced bar code scanning for accurate patient ID confirmation

Test strip port
Allows easy dosing of the Accu-Chek Inform II test strip

Cover
Meter cover withstands robust cleaning and disinfection

Touch screen
Allows for easy entry of information including patient ID and operator ID

Flexible connectivity
Hardwire base unit or base unit hub to network or WLAN enabled for immediate transfer of patient results to the hospital medical record

Battery
50 tests after 4 hour recharge

Code key reader
Centralized entry of strip information into meter enables central control ensuring only approved test strip lots are used for testing

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Accu-Chek® Inform II meter

Technical specifications

Specification	Meter
Height	44 mm / 1.73 in
Width	95 mm / 3.74 in
Length	193 mm / 7.60 in
Weight	347 g (with rechargeable battery)
User interface	Touchscreen and barcode scanner
Result memory	At least 1,000 results
Operating temperature (review functions only)	3 to 50 °C (37 to 122 °F)
Storage temperature	5 to 40 °C / 41 to 104 °F at 10 to 85% RH (non-condensing)
Humidity (operating)	10 to 90% RH (non-condensing)
Air pressure	0.7 to 1.06 bar / 70 to 106 kPa
Input voltage	+ 7.5 V DC
Input frequency	DC
Input current	1.7 A (max)
Battery	Lithium-ion rechargeable (8 hr to full charge)
Tests	50 tests after 4 hours recharge

Key technical features

First truly wireless hospital glucose meter with optional in-built WiFi card	No need to dock the meter to transmit results
	Helps to enable faster therapeutic decision making to improve patient care
	Real-time updates to patient information for continuity of care
	Real-time control of both meters and operators
Flexible bi-directional connectivity options to LIS/HIS	Enhances patient ID confirmation, reduces potential errors
Designed to easy to clean	Withstands new aggressive cleaners
Graphically driven menus	Easy to use, easy to train
Rechargeable batteries	50 tests after 4 hour recharge
Software updates may be made centrally to all meters from cobas IT 1000 application	Synchronized software and functionality
Central control of active test strip lots	Helps to streamline nursing workflow
Other test entry (OTE) captures and stores results for multiple POC tests	Captures manual tests to the electronic patient record

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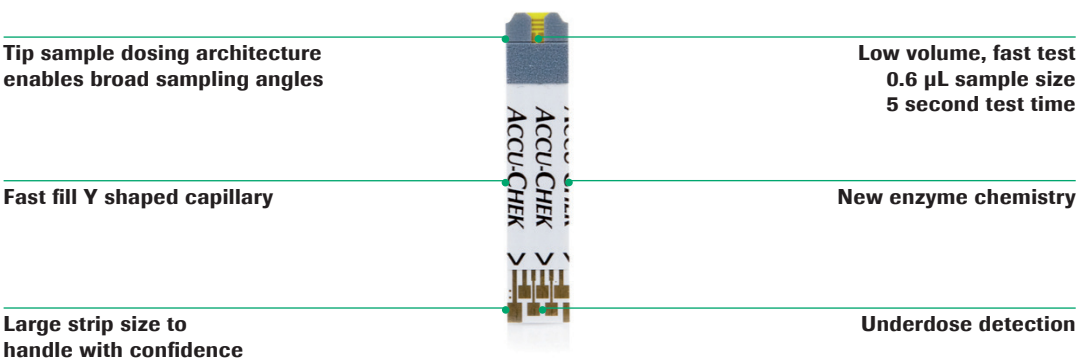
Accu-Chek® Inform II test strip

Advanced design for hospital needs


Tip sample dosing architecture enables broad sampling angles
Low volume, fast test
0.6 µL sample size
5 second test time
Fast fill Y shaped capillary
New enzyme chemistry
Large strip size to handle with confidence
Underdose detection
ACCU-CHEK

Physical design to ensure easy handling

- "Touchable" strip has protected dosing area
- Designed to minimize potential of cross contamination and ensure highest quality results

High contrast large dosing area

- Easy to target sample especially in low light settings during night shift
- Dosing site architecture allows multiple sampling application angles

Easy to use, designed for busy hospital workflows

Fast capillary fill

- "Y" shaped capillary window acts like a funnel to help draw blood into the strip quickly

5 second measuring time

- Results available faster, faster treatment decisions possible

Small blood sample

- The Accu-Chek Inform II test strips only require 0.6 µL. Better first time testing

Extensive strip and sample integrity checks

Fail-safes prevent inaccurate tests before sample taking

- The Accu-Chek Inform II system utilizes AC and DC impulses, this technology detects strips damaged by moisture and/or temperature
- Contacts detect scratched strips and can either compensate or reject them depending on the electrical resistance

Underdose detection

- Dedicated contacts signal the meter when there is enough blood in the strip to start measurement
- No under-sampling errors possible – peace of mind where sample volume is an issue
- Highest quality results ensured

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Accu-Chek® Inform II test strip
Technical specifications

Specification	Test strip
Measurement principle	Modified glucose dehydrogenase (Mut. Q-GDH) - electrochemical detection technique
Range of measurement	10 to 600 mg/dL (0.56 to 33.31 mmol/L)
Measurement time	5 seconds
Operating temperature	8 to 44 °C (46 to 111 °F)
Sample volume	0.6 µL
Hematocrit range	10 to 65%
Altitude	< 3,094 meters above sea level (10,150 feet)
Sample types	Capillary, venous, neonatal, arterial
Calibration	IFCC plasma

Accu-Chek Inform II system components

Accessory box
Convenient storage and transport of meter and consumables

Lancets
"Pain free" single-use lancing device offering three adjustable depth settings

Code key reader
Entry of strip information into device. Ensures only approved test strips are used for testing

cobas IT 1000 application

Base Unit
Recharges meter battery. Allows for the transfer of data to and from the data management system

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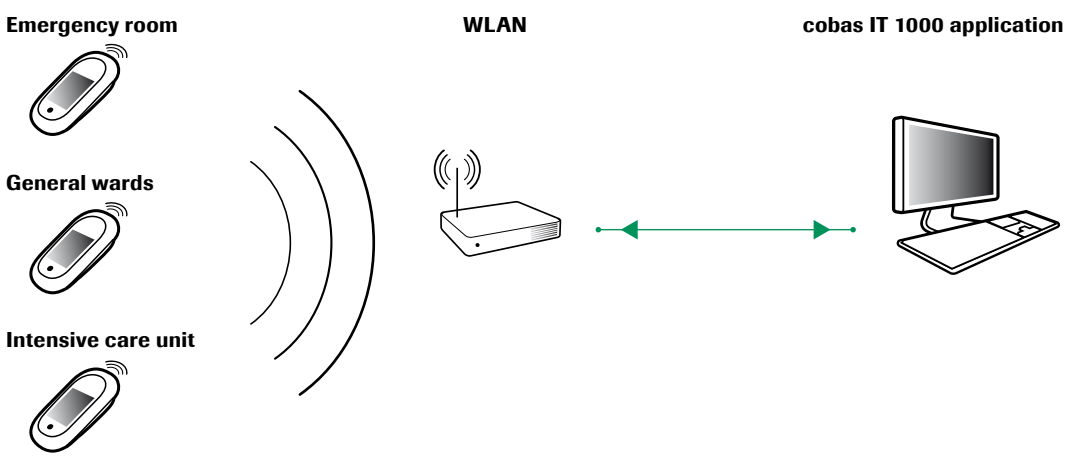
Accu-Chek® Inform II connectivity

Improved workflows with real time access



Connectivity tailored for the most challenging hospital networks

Complete central control

- Real time automatic management and control of instruments, operators, QC and glucose results
- Instruments guaranteed locked out if problem occurs.
- Automatic test result transfer
- All results actually get into the electronic medical record, No missing results, no time lag

Access to the bedside

- Improve nursing workflow by placing meters where needed without being limited by network point locations

Safe and secure data transmission

- Wireless standards utilized meet modern and secure Hospital protocol standards
- Supports 802.11.g/b wireless communications
- Multiple security protocols to ensure the integrity of patient data.

Easier to implement

- Uses the existing hospital wireless network – No additional costs, no additional wiring
- Compatible with modern hospital WiFi standards, allowing for easy implementation.
- Experienced Roche project managed installation to ensure seamless implementation

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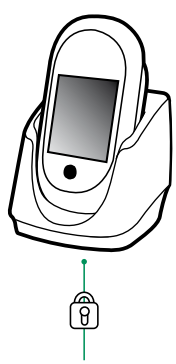
Accu-Chek® Inform II Base Unit

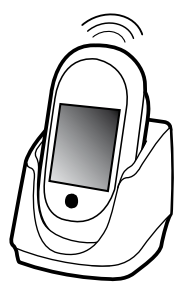
Technical specifications

Specification	Base Unit	Base Unit Light	Base Unit Hub
Height	110 mm / 4.33 in	110 mm / 4.33 in	35 mm / 1.38 in
Width	118 mm / 4.65 in	118 mm / 4.65 in	169 mm / 6.65 in
Length	103mm / 4.06 in	103 mm / 4.06 in	127 mm / 5.00 in
Weight	615 g (with wallmount)	615 g (with wallmount)	470 g
User interface	LED (red, green, blue)	LED (red, green, blue)	LED (red, green, blue)
Operating temperature	3 to 50 °C / 37 to 122 °F	3 to 50 °C / 37 to 122 °F	3 to 50 °C / 37 to 122 °F
Input voltage / current	+ 7.5 V DC / 1.7 Amp (max)	+ 7.5 V DC / 1.7 Amp (max)	+ 7.5 V DC / 1.7 Amp (max)

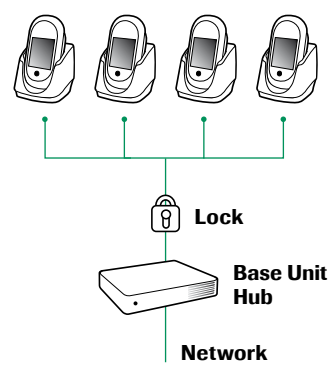
Wireless to network
Supports 802.11.g/b wireless network communications
- WEP encryption is supported using 64 or 128 bit encryption
- Wi-Fi Alliance® certified for WPA™ and WPA2™ using TKIP or AES



Base Unit to network
Base unit acts as physical docking and charging station and hardwire connection to the hospital network



Base Unit Light
Intended to be used with wirelessly enabled Accu-Chek Inform II devices if used solely as a charging station or together with base unit hub



Base Unit Hub
Intended to be used in conjunction with multiple Base Unit Lights, in order to:
Provide connectivity where there are limited network drop points available

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Your knowledge and competence center

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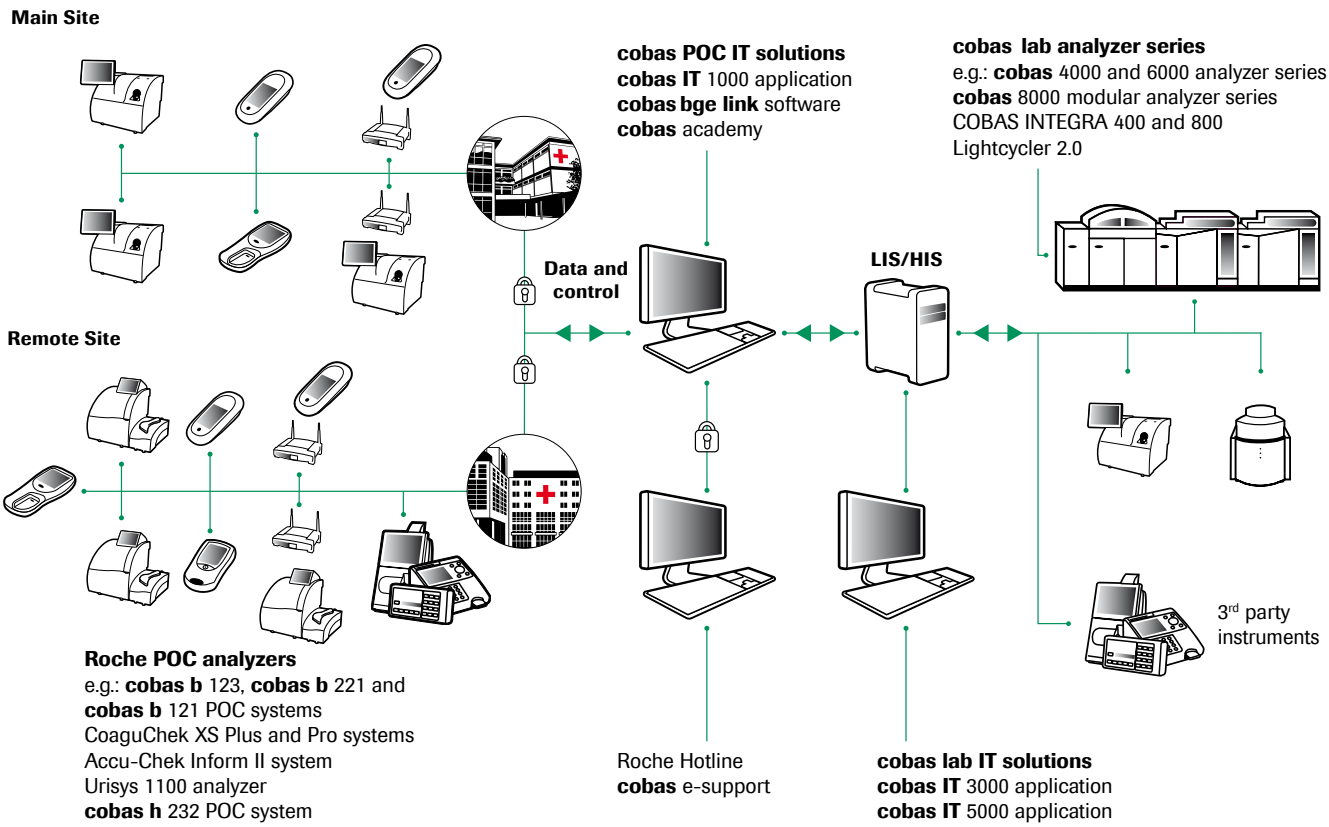
cobas academy: a module of the cobas POC IT solution



Confidence

- in the usage and condition of all analyzers
- in the reliability of results
- from a single point of control which connects all areas of the hospital
- that only trained users can run test on known instruments that have passed their quality control
- from the seamless integration of results into the LIS/HIS
- from the help in meeting regulatory and ISO standards
- from the reduced risk of transcription errors
- from the increased security through password protection

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cobas® academy

Your knowledge and competence center

cobas academy workflow

log on & choose course

pre-test giving study plan
optional

course content
optional

cobas academy is

- a powerful customizable training and user management tool
- an integral part of every **cobas** POCT solution in combination with **cobas IT** 1000 application
- a tool allowing username and password security protection for the advanced Roche PoC instruments
- a means of existing end users demonstrating their competence and knowledge
- a tool allowing you to deliver your content to your staff
- flexible, safe and cost effective

cobas academy can be customized to

- your site's workflow
- cover all competence topics
- include
  - introductions
  - pass level for the exam
  - mandatory questions
- your content requirements
- include your logo to the certificate

cobas academy means that you can

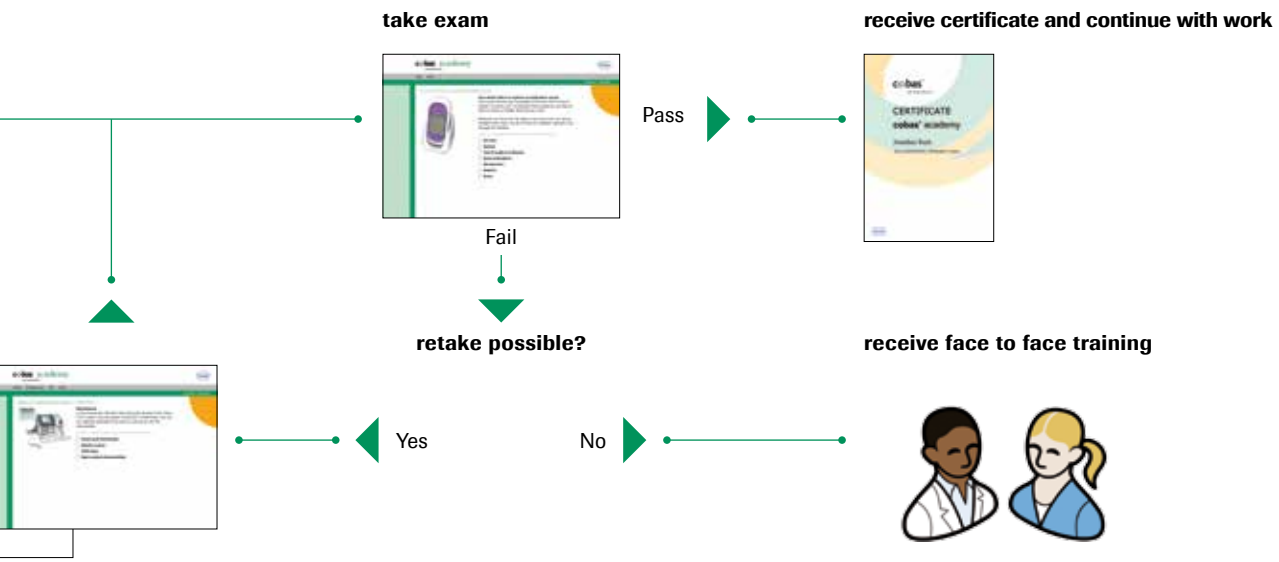
- offer on-line training courses for your Roche point of care devices
- tailor courses to reflect your organization's needs
- demonstrate compliance with regulatory and other requirements
- effectively manage the user recertification process without
  - time consuming face to face training
  - shift management and attendance issues
  - additional costs
- offer face to face training only to the minority who need it

Standard course

cobas academy
shipped for installation

You sign off content
when satisfied

Custom
proc



Usability

- Intuitive user interface requires no special training
- Integrated online help function
- User home page shows user's status at a glance
- Bookmark feature marks user's current position
- Pre-test can be either optional or mandatory

- **Simplicity to maximize acceptance by IT and users alike**

User Management

- Integrates with **cobas IT** 1000 application
- Allowes a single user database
- Automates the re-certification process
- Reduces complexity with a single log on for all advanced Roche Systems
- User certification reports in **cobas IT** 1000 solution

- **Improved workflow efficiency by integration with other Roche PoC systems**

Security

- User password can be self managed to meet your IT regulations and legal requirements
- Unique exam is generated for every user to give managers confidence in user competence
- Exam designed to reflect your local requirements

- **Doing the basics so you don't have to**